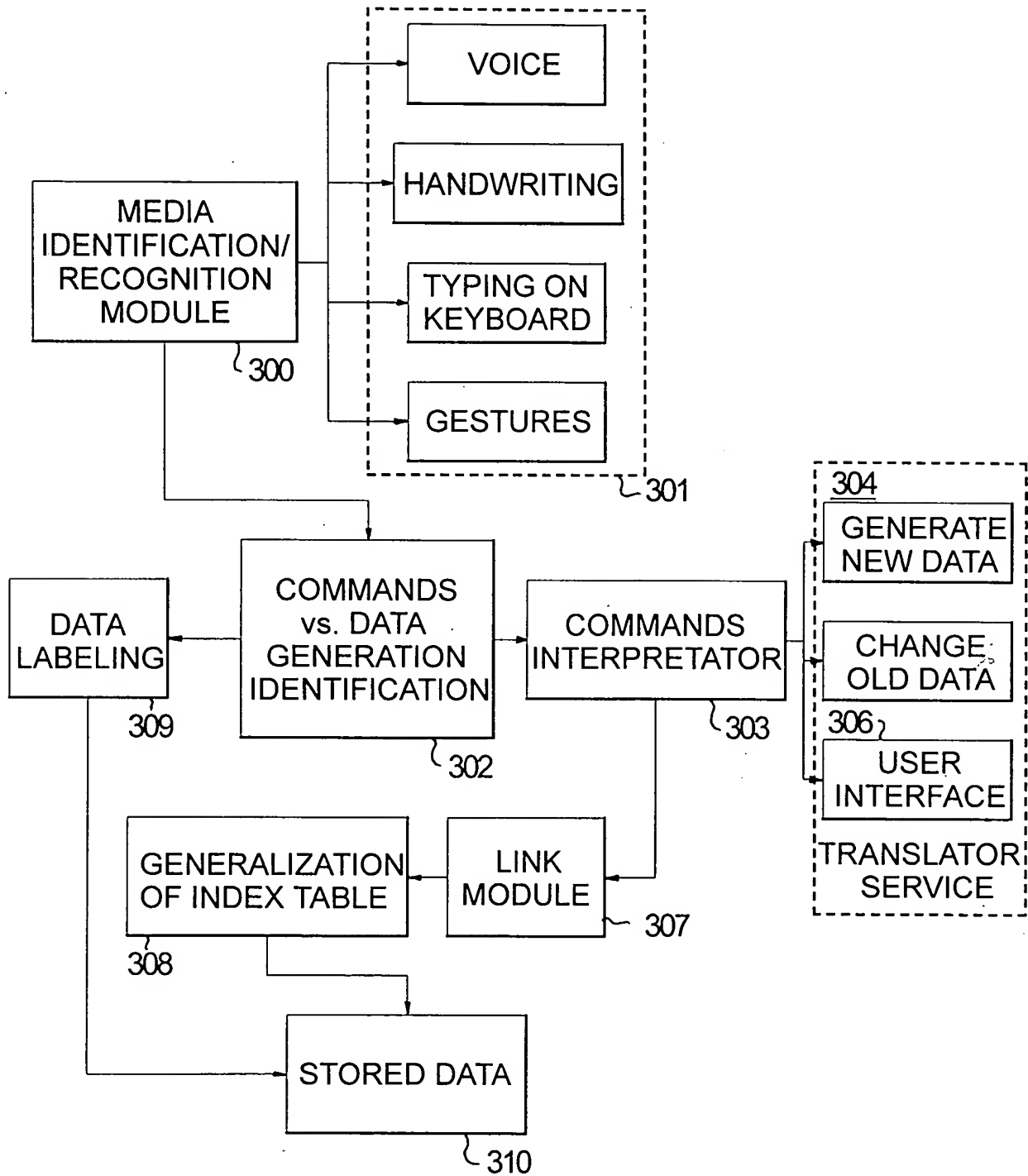


**Figure 1**

DATABASE OF USER ACTIONS

200	201	202	203	204	205	206
Time start and time alignment	Device	Media	User	Place	Environment	Correlation
10:00	Laptop	Voice Keyboard Mouse	Laurel	Office	Dark Room	Index
	TV		-	-	-	
	Recorder	Voice	-			
	Telephone	Voice Keyboard	-	Car	Car Noise	
	Controller					
	Desktop					
	Watches					
	Palm Top					

Figure 2



**Figure 3**

401	402	403	404	405	406	407	408	409
Data Types	Users	Time Generation	Devices Program	Media	Arguments	Reference S E-Mails	Location	Remove Condit
New	Name 1	+1	Recorder	Voice		www.name.com	web	
Changes	Name 2	+2	Word Processor	Typing				
Links	Name 3	+3	Smart Phone					
Programs Generating Data	Name 4	+4			arg 1 arg 2		local pc	
			Gestures					

Figure 4

500	501	502	503	504	505	506	507
Index	Programs	Users	Time/ History	List of Arguments	OS	Devices	Source
Location of data	Signal Processing	Name 1	+ <sub>1</sub> , + <sub>2</sub> , + <sub>3</sub>	L <sub>1</sub> , L <sub>2</sub> , L <sub>3</sub>	AIX	RISCGOOO	Voice
	Prime Generator	Name 2	+ <sub>4</sub>	L	WIN	Calculate	Keyboard
	Vitual Maker	Name 3	+ <sub>5</sub>	L	NT	PC	Text

Figure 5

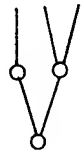
601	602	603	604	605
Input	Class	Count	Tree Index	Index to Files
Action 1	Act 1	U1	Acts→Act 4→ →Act 2→	
Action 2	Act 2	U2		
Action 3	Act 3	U3		

Figure 6

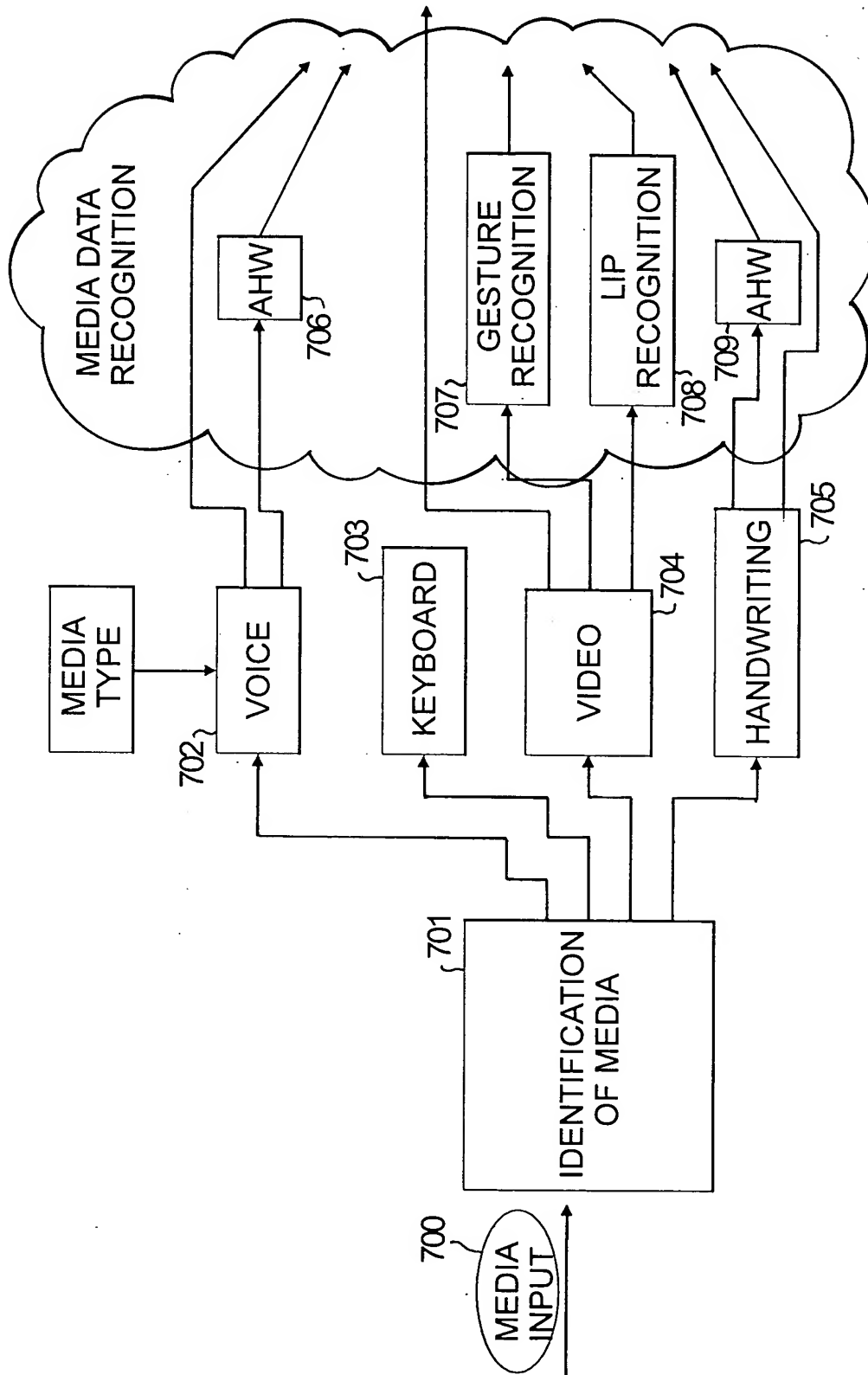
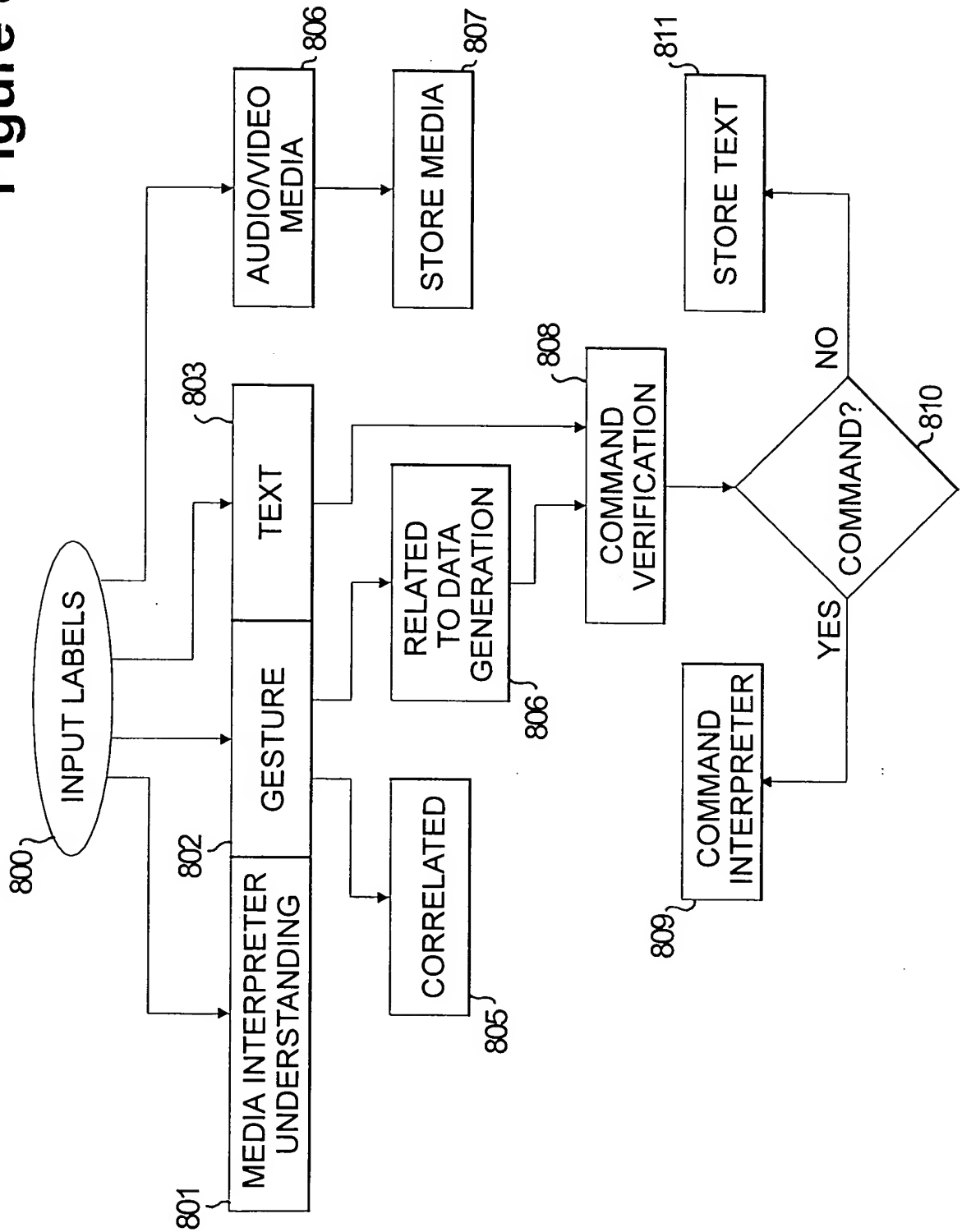
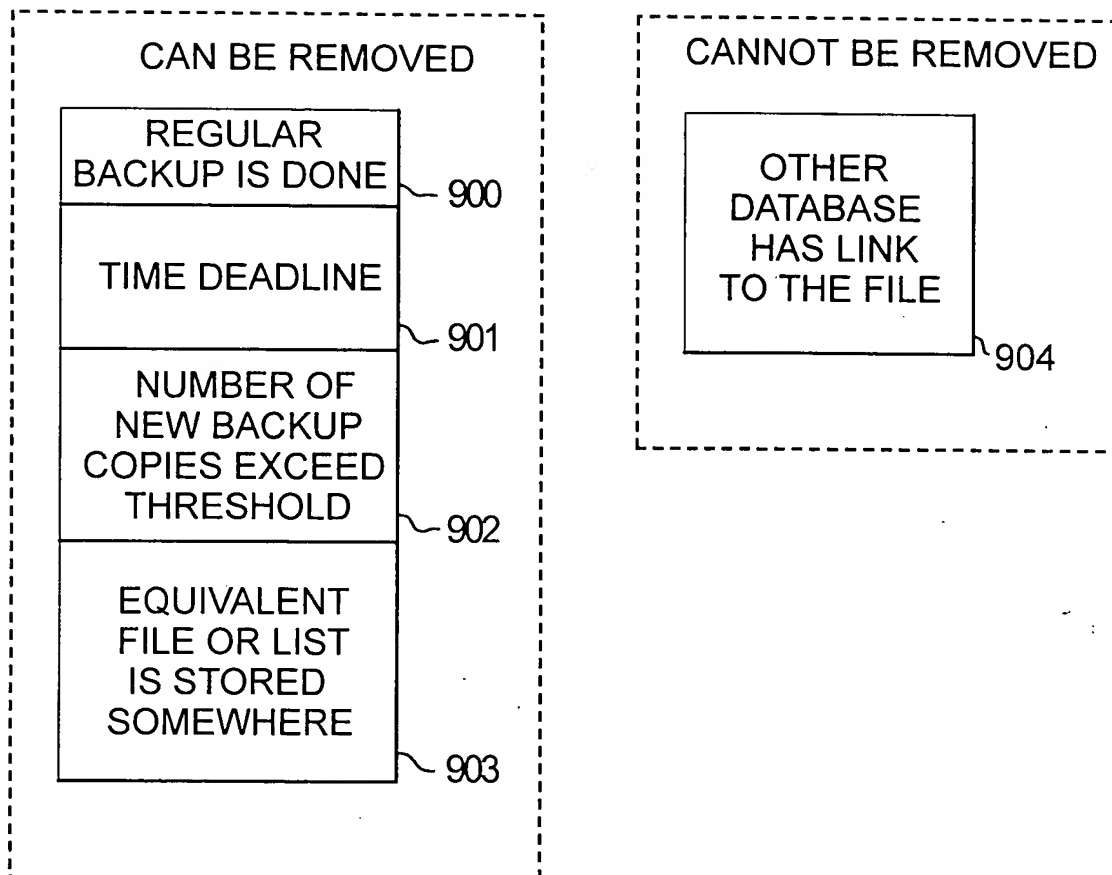


Figure 7

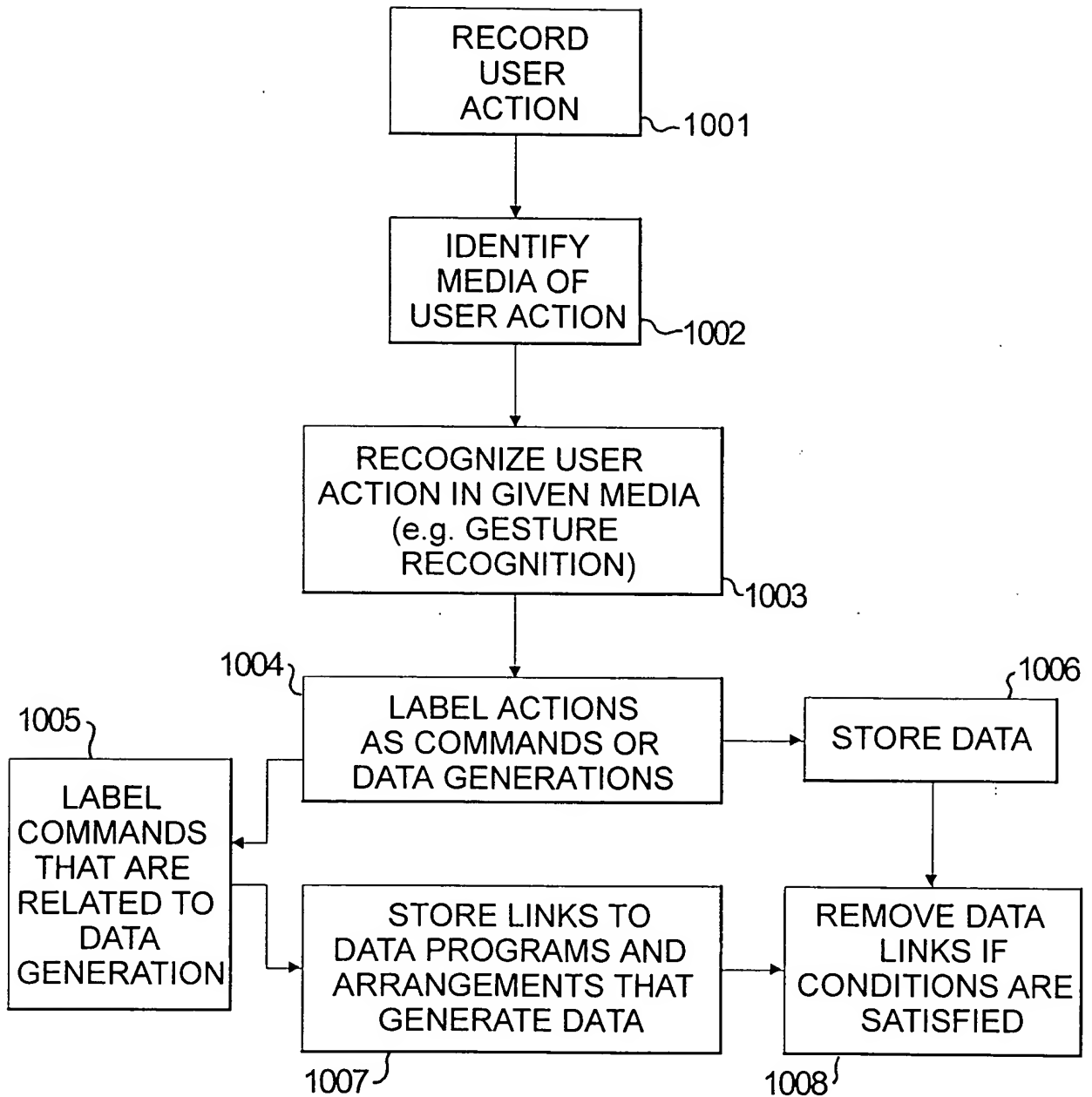
Figure 8







**Figure 9**



**Figure 10**